

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	253	no adj ((grating adj lobe) or sidelobe or side-lobe)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/31 13:22
L4	190	(no adj ((grating adj lobe) or sidelobe or side-lobe)) and array	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/31 13:22
L5	88	(no adj ((grating adj lobe) or sidelobe or side-lobe)) and array and antenna and angle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/31 13:23
L6	60	(no adj ((grating adj lobe) or sidelobe or side-lobe)) and array and antenna and angle and distance	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/31 13:23
L7	2	(no adj ((grating adj lobe) or sidelobe or side-lobe)) and array and antenna and angle and distance and (radiation adj diagram)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/31 13:25
L8	26	(no adj ((grating adj lobe) or sidelobe or side-lobe)) and array and antenna and angle and distance and (radiation adj (diagram or pattern))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/31 13:25
S1	0	(phase adj array) and (improve or improving) and (antenna adj resolution)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/29 11:54

## EAST Search History

S2	1	"20030022395"	US-PGPUB	OR	ON	2007/01/29 11:54
S3	652	resolution and (phase adj array) and beam	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/29 11:55
S4	216	resolution and (phase adj array) and beam and (improve or improving) and analog	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/29 11:56
S5	143	resolution and (phase adj array) and beam and (improve or improving) and analog and radiation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/29 11:56
S6	7	resolution and (phase adj array) and beam and (improve or improving) and analog and radiation and (main adj lobe)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/29 12:06
S7	8	resolution and (phase adj array) and beam and analog and radiation and (main adj lobe)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/29 12:08
S8	5	(phase adj array) and beam and analog and radiation and (main adj lobe) and grating	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/29 14:15
S9	1	(phase adj array) and CRB	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/29 14:17

## EAST Search History

S10	0	(phase adj array) and (cramer-rao adj lower adj boundary)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/29 14:18
S11	3	(cramer-rao adj boundary)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/29 14:18
S12	3	(cramer-rao adj boundary)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/29 14:21
S13	132	(phase adj array) and (main adj (beam or lobe)) and radiation and (relative distance)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/29 14:23
S14	36	(phase adj array) and (main adj (beam or lobe)) and radiation and (relative distance) and (grating adj lobe)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/29 14:59
S15	104	(phase adj array) and (main adj (beam or lobe)) and radiation and time and pattern	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/29 15:00
S16	47	(phase adj array) and (main adj (beam or lobe)) and radiation and time and pattern and (null or weighting)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/29 15:01

## EAST Search History

S17	828990	(phase adj array) and (main adj (beam or lobe)) and radiation and time and pattern and (null or weighting) analog	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/29 15:30
S18	26	(phase adj array) and (main adj (beam or lobe)) and radiation and time and pattern and (null or weighting) and analog	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/29 15:01
S19	4	"5339284"	USPAT	OR	ON	2007/01/29 15:39
S20	26	(eliminat or reduc) and ((side or grating) adj lobe)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 09:14
S21	9	((side or grating) adj lobe) and suppression	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 08:20
S24	84	interference and cancel and (side adj lobe) and (main adj beam)	USPAT	OR	ON	2007/01/30 09:11
S25	59	interference and cancel and (side adj lobe) and (main adj beam) and off	USPAT	OR	ON	2007/01/30 09:11
S26	3	interference and cancel and (side adj lobe) and (main adj beam) and (switched adj off)	USPAT	OR	ON	2007/01/30 09:11
S27	537	((eliminating or reducing or suppressing) adj (side or grating) adj lobe)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 09:15

## EAST Search History

S28	71	((eliminating or reducing or suppressing) adj (side or grating) adj lobe) and antenna and array and gain	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 09:16
S29	54	((eliminating or reducing or suppressing) adj (side or grating) adj lobe) and antenna and array and gain and angle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 09:38
S30	44	((eliminating or reducing or suppressing) adj (side or grating) adj lobe) and antenna and array and gain and angle and radiation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 09:38
S31	268	(antenna adj array spacing) and (grating adj lobe) and gain and angle and off	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 10:47
S32	2	(antenna adj array adj spacing) and (grating adj lobe) and gain and angle and off	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 10:48
S33	8	(antenna adj array adj spacing) and (side adj lobe) and gain and angle and off	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 10:56
S34	125	(antenna adj array) and (side adj lobe) and gain and angle and (off or null) and (directional adj antenna)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 10:58

## EAST Search History

S35	6	(antenna adj array) and (side adj lobe) and gain and angle and (off or null) and (directional adj antenna) and (switching adj off)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 11:01
S36	6	(antenna adj array) and (side adj lobe) and gain and angle and (directional adj antenna) and (switching adj off)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 11:02
S37	16	(antenna adj array) and (side adj lobe) and (switching adj off)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:16
S38	18	(side adj lobe) and (switching adj off) and main and reducing and signal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:18
S39	1	(side adj lobe) and (switching adj off) and main and (reducing adj signal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:58
S40	45	(side adj lobe) and (((switching adj off) or reducing) adj signal) and main	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 13:00
S41	32	(side adj lobe) and (((switching adj off) or reducing) adj signal) and main and array	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 13:12

## EAST Search History

S42	116	adaptive and (weighted or weighting) and (antenna adj array) and (main adj beam) and directional	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 13:22
S43	44	adaptive and (weighted or weighting) and (antenna adj array) and (main adj beam) and directional and switched	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 13:23
S44	44	adaptive and (weighted or weighting) and (antenna adj array) and (main adj beam) and directional and switched and time	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 13:46
S45	1	adaptive and (weighted or weighting) and (antenna adj array) and (main adj beam) and directional and (switched adj off) and time	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 14:21
S46	0	((testing or calibration) adj antenna adj array) and ((sidelobe or interference) adj cancellation)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 14:23
S47	54	((testing or calibration) adj antenna adj array)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 14:23
S48	32	((testing or calibration) adj antenna adj array) and (radiation or pattern)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 14:52

## EAST Search History

S49	12	((testing or calibration) adj antenna adj pattern) and (radiation or pattern)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 16:01
S50	3	(weighting adj matrix) and table and pattern and (smart adj antenna)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/31 08:08
S51	218	(radiation adj diagram) and antenna and array	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/31 08:08
S52	12	(radiation adj diagram) and antenna and array and angle and ((grating adj lobe) or sidelobe or side-lobe)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/31 13:21